

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Problem Image Mailbox.**

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-176049

(43)Date of publication of application : 29.06.2001

(51)Int.Cl.

G11B 5/667
 C23C 14/06
 C23C 14/14
 C23C 14/35
 G11B 5/65
 G11B 5/673
 H01F 10/06

(21)Application number : 11-361727

(71)Applicant : FUJI ELECTRIC CO LTD

(22)Date of filing : 20.12.1999

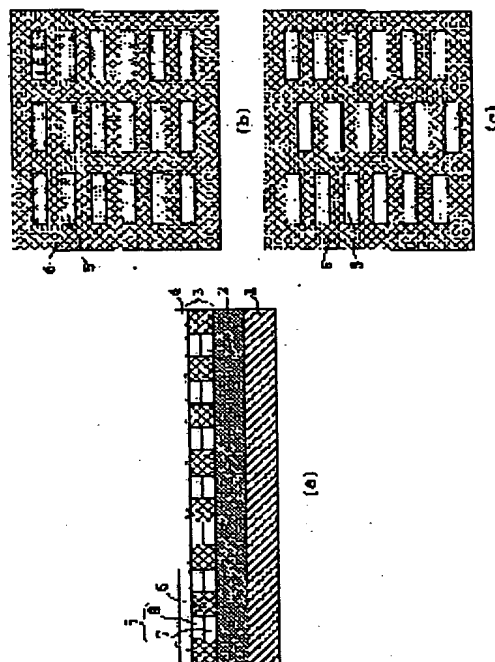
(72)Inventor : SAITO AKIRA

(54) MAGNETIC RECORDING MEDIUM

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a magnetic recording medium having a magnetic layer which does not largely depend upon magnetic materials and is thermally stable.

SOLUTION: This magnetic recording medium is constituted by successively forming a ground surface layer, magnetic layer and protective layer on a nonmagnetic surface. The magnetic layer consists of plural magnetic parts and separating parts. The respective magnetic parts are periodically uniformly embedded and distributed between the separating parts and are composed of soft magnetic layers having small coercive force and hard magnetic layers having large coercive force. The separating parts consist of a nonmagnetic material.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

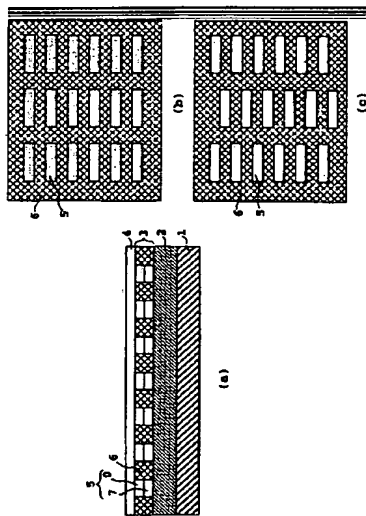
[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

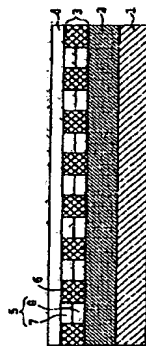
[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office

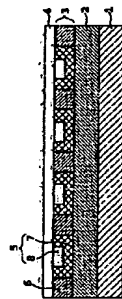
【図1】



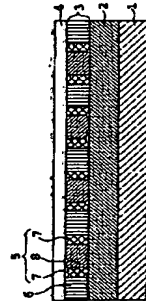
【図2】



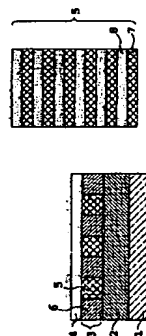
【図3】



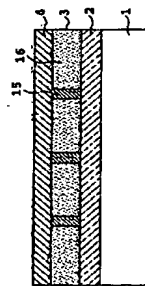
【図4】



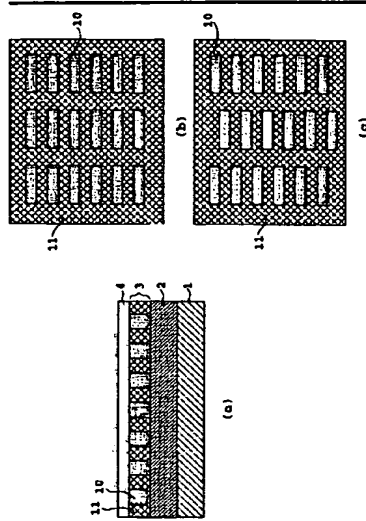
【図5】



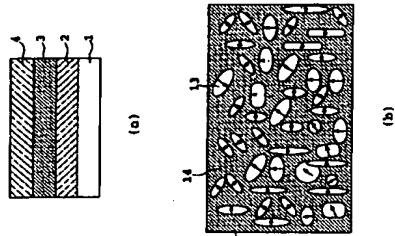
【図11】



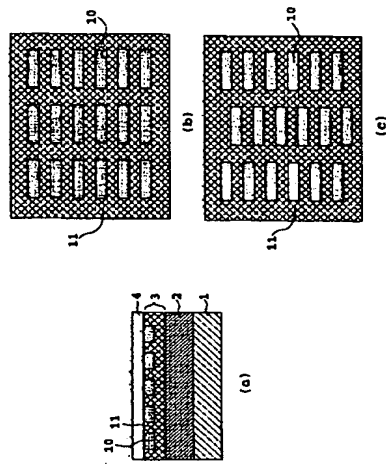
【図6】



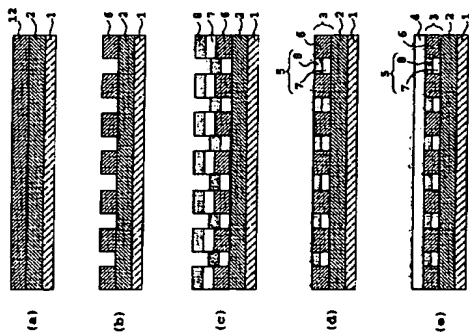
【図10】



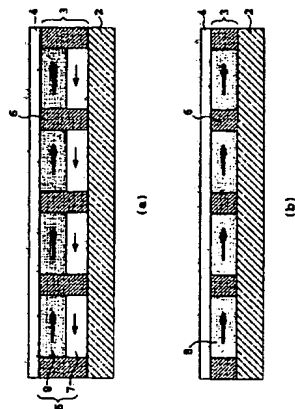
【図7】



【図8】



【図9】



フロントページの続き

(51) Int. Cl. 7	識別記号	フロント (参考)
C 23 C 14/35	F I	Z
G 11 B 5/65	C 23 C 14/35	
5/673	G 11 B 5/65	
H 01 F 10/06	H 01 F 10/06	